

Title (en)
PULSED LASER MODE FOR WRITING LABELS

Title (de)
GEPULSTES LASERVERFAHREN ZUR BESCHRIFTUNG VON ETIKETTEN

Title (fr)
MODE LASER PULSE POUR L'ECRITURE D'ETIQUETTES

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Application
EP 05850884 A 20051219

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Abstract (en)
[origin: WO2006067726A2] An apparatus and a method for writing a label on a surface of an object, such as on the top surface of an optical disk (CD, DVD, Blu Ray etc.) are disclosed. The label is written by using the laser in the optical pickup unit of the disk device. The laser light is emitted as a pulse train in order to reduce the thermal load on the laser. The pulse train is provided by controlling the supply current of the laser, and the radiation power of the laser is reduced to zero between two successive sub-pulses of the pulse train by turning off the laser between successive sub-pulses.

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